

*D. Qualifications and Comparable Experience*

- *Describe the relevant experience of the other members of the team (e.g., architect, landscape architect, lawyer, engineers, etc) and staff assigned to the project.*

**A Company profile and resume have been included for each member of the Avalon at Shrewsbury Hills development team.**

For the companies of Niles Bolton Associates, success is measured not only with design awards, but by our ability to design an appropriate response to program and budget requirements, by acceptance in the market served, and by the ongoing financial reward for our clients.



## Niles Bolton Associates

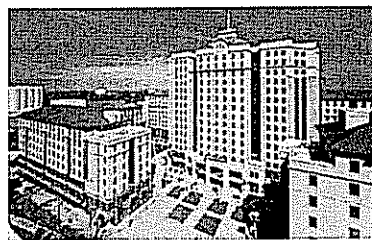
*And Subsidiary Company*  
Diedrich | Niles Bolton Associates

[www.nilesbolton.com](http://www.nilesbolton.com)

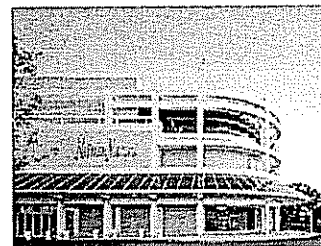
Headquartered in Atlanta, Georgia with additional offices in Alexandria, Virginia and San Jose, California, Niles Bolton Associates and its subsidiary company have designed projects in 42 states and 14 countries. The firm is ranked by *Building Design and Construction* magazine as one of the top 35 architectural firms in the United States.

Founded in 1975, our growth has been due, in large part, to an ability to understand clients' needs and to design projects meeting their requirements. We take pride in building lasting relationships. More than 95 percent of our projects are with clients we have worked with previously.

Niles Bolton has established the firm's client oriented business practices as a corporate philosophy. We believe in a balanced project approach - combining detailed knowledge of needs and budget, fundamental design quality, and the timely delivery of project design and construction. This balanced approach enables the firm to deliver exceptional projects that are each viewed as unique challenges.



## FIRM PROFILE



## SERVICES

ARCHITECTURE

INTERIORS

LANDSCAPE ARCHITECTURE

URBAN DESIGN

## MAJOR MARKETS

RESIDENTIAL

INSTITUTIONAL

EDUCATIONAL

TRANSPORTATION

RECREATIONAL AMENITIES

CORPORATE

RETAIL

HOSPITALITY

3060 Peachtree Road, NW, Suite 600, Atlanta, Georgia 30305  
404.365.7600 Fax 404.365.7610  
[www.nilesbolton.com](http://www.nilesbolton.com)



**Niles Bolton Associates**

## Mark D. Oprisch, RA, LEED AP

### Project Manager

24 years architectural experience

Registered Architect in Georgia

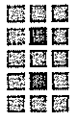
### Education

Bachelor of Architecture, University of Notre Dame, 1981

### Public and Professional Service

LEED Certified

### Relevant Experience



#### Residential

The Arbors of River Oaks, Trammell Crow Residential, Germantown, Tennessee  
Avalon at Crane Brook, AvalonBay Communities, Danvers and Peabody, Massachusetts  
Avalon at Faxon Park, AvalonBay Communities, Quincy, Massachusetts  
Avalon at Flanders Hill, AvalonBay Communities, Westborough, Massachusetts  
Avalon at Stevens Pond, AvalonBay Communities, Saugus, Massachusetts  
Avalon Bedford, AvalonBay Communities, Bedford, Massachusetts  
Avalon Commons, AvalonBay Communities, Smithtown, New York  
Avalon Court, AvalonBay Communities, Melville, New York  
Avalon Court North, AvalonBay Communities, Melville, New York  
Avalon Darien, AvalonBay Communities, Darien, Connecticut  
Avalon Essex, AvalonBay Communities, Peabody, Massachusetts  
Avalon Estates, AvalonBay Communities, Hull, Massachusetts  
Avalon Gardens, Avalon Properties, Nanuet, New York  
Avalon Harbor, AvalonBay Communities, Stamford, Connecticut  
Avalon Haven, AvalonBay Communities, North Haven, Connecticut  
Avalon Hill, AvalonBay Communities, Orange, Connecticut  
Avalon Lake, AvalonBay Communities, Danbury, Connecticut  
Avalon Lake View, AvalonBay Communities, New Canaan, Connecticut  
Avalon Ledges, AvalonBay Communities, Weymouth, Massachusetts  
Avalon Lyndhurst, AvalonBay Communities, Lyndhurst, New Jersey  
Avalon Milford, AvalonBay Communities, Milford, Connecticut  
Avalon Oaks, AvalonBay Communities, Wilmington, Massachusetts  
Avalon Oaks West, AvalonBay Communities, Wilmington, Massachusetts  
Avalon Orchards, AvalonBay Communities, Marlborough, Massachusetts  
Avalon Shrewsbury, AvalonBay Communities, Shrewsbury, Massachusetts  
Avalon Still River, AvalonBay Communities, Danbury, Connecticut  
Avalon Valley, AvalonBay Communities, Danbury, Connecticut  
Barnes Plantation, Barnes Plantation Limited Partnership, St. Simons, Georgia  
Dogwood Creek, Patton and Taylor, Collierville, Tennessee  
Gables Metropolitan, Gables Residential, Atlanta, Georgia  
The Grove at Richland, Schaedle Worthington Residential, Nashville, Tennessee  
The Grove, Wolf River Apartments, Germantown, Tennessee  
Haverstraw Harbors, Ginsberg Development Company, Haverstraw, New York  
The Highlands at Cranbury Brook, Roseland Property Company, Plainsboro, New Jersey  
The Highlands at Faxon Woods, Roseland Property Company, Quincy, Massachusetts  
The Highlands at Glenpointe, Roseland Property Company, Teaneck, New Jersey  
Legacy Villas, Trammell Crow Residential, Atlanta, Georgia

Mark Oprisch, RA

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Legacy Oaks, Trammell Crow Residential, Atlanta, Georgia  
Park Place III, NTS, Lexington, Kentucky  
Pinetree Townhomes, Trammell Crow Residential, Atlanta, Georgia  
Walton Park II, Teague-Ausburn Properties, Smyrna, Georgia  
Walton Vinings, Teague-Ausburn Properties, Marietta, Georgia  
Wolfchase Apartments, Alco Properties, Cordova, Tennessee

#### **Office / Commercial**

11000 Regency Parkway, Regency Park, Cary, North Carolina\*  
2000 Regency Parkway, Regency Park, Cary, North Carolina\*  
3500 Regency Parkway, Regency Park, Cary, North Carolina\*  
Applebee's Renovation, Washington, D.C.  
CNN Broadcast Studios, Turner Broadcasting System, Atlanta, Georgia\*  
Gates at Citiplace, Baton Rouge, Louisiana  
Invesco, Atlanta, Georgia\*  
Judicial Arbitration and Mediation Services, Atlanta, Georgia  
Tampa Bay Park, Satellite Earth Station, IBMRECD, Tampa, Florida\*  
Walton Communities Office, Marietta, Georgia

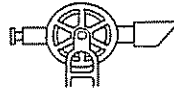
#### **Educational**

Albany State University, Residential Village, Albany, Georgia  
Augusta State University, University Village, Ambling Development, Augusta, Georgia  
DeNeve Plaza, University of California, Los Angeles, California  
Georgia State University Village, Georgia State University, Board of Regents, University System of Georgia, Atlanta, Georgia  
Graduate Living Center at Georgia Institute of Technology, Board of Regents, University System of Georgia, Atlanta, Georgia

#### **Recreation and Leisure**

Red Top Mountain Golf Club, Department of Natural Resources, Cartersville, Georgia

\* Projects accomplished prior to joining Niles Bolton Associates



# THOMPSON-LISTON ASSOCIATES, INC.

*Civil Engineers & Land Surveyors*

51 MAIN STREET • P. O. BOX 570 • BOYLSTON, MASSACHUSETTS 01505  
TELEPHONE (508) 869-6151 • FAX (508) 869-6842 • [www.thompsonliston.com](http://www.thompsonliston.com)

Thompson-Liston Associates, Inc. is a privately held corporation, with Andrew B. Liston serving as president of the corporation, his wife, Stephanie B. Liston is treasurer. The firm is dedicated to providing outstanding service to its clients.

William I. Thompson, CE, founded the firm in 1893, when he began surveying and making blueprints. His son, Francis B. Thompson, CE, took the reigns in 1941, and expanded the business into areas of civil engineering. Thompson-Liston Associates, Inc. was incorporated in 1963 as their successor.

Andrew B. Liston represents the fourth generation of the family to be involved with the firm. He is registered in Massachusetts as a Professional Civil Engineer (PE), a Professional Land Surveyor (PLS). Mr. Liston served as an appointed member of the Massachusetts Board of Registration of Professional Engineers and Professional Land Surveyors, and served on the National Council of Examiners for Engineering and Surveying.

## SERVICES

Thompson-Liston Associates, Inc. was formed to provide land surveying, civil engineering, and planning services for the varied needs of clients in the areas of land ownership, use, and development.

The firm continues to offer civil engineering, land surveying, and planning services to public and private sector, residential, educational, municipal, institutional, commercial, and industrial clients in the Central Massachusetts and Metro-West areas.

### AREAS OF EXPERTISE

*Property line surveys  
Title insurance surveys  
Site planning and design  
Subdivision planning  
Erosion control plans  
Septic system design  
Project permitting*

## LAND SURVEYING

- Property Line Surveys & Plans
- Land Court Surveys & Plans
- Title Insurance Surveys & Plans
- Topographic Surveys & Plans
- Subdivision Design & Plans
- Construction Layout

## CIVIL ENGINEERING

- Development Feasibility Studies
- Site Planning & Design
- Roadway & Driveway Design
- Septic System & Sewer Design
- Pump Station Design
- Drainage Studies
- Hydrologic & Hydraulic Design
- Grading Designs & Plans
- Watershed Protection Filings
- Environmental Filings
- Project Permitting – Local, State, Federal

## EROSION & SEDIMENT CONTROL

- Erosion Control Plans
- Pollution Prevention Plans
- Wetland Protection Filings
- Stormwater Management Plans

## TECHNOLOGY

In the preparation of survey and design plans, staff uses industry standard Autodesk, Land Development, Carlson Survey, and compatible software on state of the art workstations. Plans are plotted in house on high-quality Engineering plotters.

Hydrology and stormwater management designs are prepared using HydroCAD software, and reports are prepared using current word and data processing equipment for accurate, quality presentations.

Total Station instruments allow complete field to finish transfer data, eliminating the need for much time-consuming data entry of field notes. This advanced technology shortens the completion time for many survey projects.

## STAFF

Our Licensed Professionals and technical staff have a wide range of experience in preparing many types of Land Surveying and Civil Engineering plans, tests, calculations, profiles, and reports, both by manual and computerized methods. All work is supervised by our Licensed Professionals.

### Education

Members of the Staff are educated in areas such as architecture, art, business, civil engineering, design, landscape architecture, mathematics, and surveying. This combination of education and experience contributes to the firm's overall expertise, professional manner, and effective presentations in the areas of surveying, design, planning, engineering, and hydrology.

### Licensed Professionals

Andrew B. Liston, PE, PLS, CPESC- President of the firm, managing all areas of work,

Robert Nunnemacher, PLS- Project Surveyor, Property Line and Title Insurance Surveys, Land Court Surveys, Subdivisions, CAD Manager,

Patrick J. Healy, PE, CPESC- Project Manager, Feasibility Studies, Site Planning and Permitting, Hydrology, Erosion Control Plans,

Stephen J. Pflug, PLS- Project Manager, Property Line and Title Insurance Surveys, Subdivisions, Construction Layout,

James Tetreault, PE, CPESC- Project Manager, Site Planning and Permitting, Soil Evaluations, Hydrology, Erosion Control Plans,

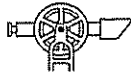
Kenneth T. Strom, PLS- Project Surveyor, Staff Engineer, Site Planning and Permitting.

### Technical Staff

Ronald S. Liston-Principal Researcher, Field Crew Scheduler, Soil Evaluator,

John Antaya, Senior Crew Chief, Lawrence Greene, Project Engineer, Site Planning, Permitting, Landscape Designer.

Justin Richardson, Staff Engineer.



## THOMPSON-LISTON ASSOCIATES, INC.

### **ANDREW B. LISTON**

*President*

*Professional Civil Engineer*

*Professional Land Surveyor*

*Professional Soil Erosion & Sediment Control Specialist*

Born October 31, 1949, Niskayuna, New York

### **Education**

Worcester and Holden, Massachusetts public schools

University of Vermont - B.S. Mathematics, 1970

Worcester Polytechnic Institute - B.S. Civil Engineering, 1971

### **Employment**

Thompson-Liston Associates, Inc., Boylston, Massachusetts 1971 to present - President of the firm

### **Professional Qualifications**

Registered Professional Engineer - Massachusetts #30401 - 1981

Registered Professional Land Surveyor - Massachusetts #28976 - 1978

Certified Professional Soil Erosion & Sediment Control Specialist (CPESC) - #574 - 1990

Licensed Soil Evaluator - Massachusetts DEP - 1994

Certified Title 5 Septic System Inspector - Massachusetts DEP - 1995

### **Professional Positions**

Commonwealth of Massachusetts Board of Registration of Professional Engineers and Professional Land Surveyors - Past Chairman

United States Council for International Engineering Practice (USCIEP)

Board of Operations - Past President

Board of Directors - Past Member

National Council of Examiners for Engineering and Surveying (NCEES)

Past President

National Institute for Engineering Ethics (NIEE)

Board of Directors - Past Member

TAC of ABET - Past Alternate Representative

### **Professional Memberships**

American Congress on Surveying and Mapping (ACSM) - Member

American Society of Civil Engineers (ASCE) - Member

Boston Society of Civil Engineers Section of ASCE (BSCES) - Member

International Erosion Control Association (IECA) - Member

Massachusetts Association of Land Surveyors and Civil Engineers (MALSCE)

Member and Past President

Central Massachusetts Chapter of MALSCE - Member and Past President

MALSCE Surveying Examinations Committee - Past Chairman

MALSCE Proprietor's Council - Past Chairman

National and Massachusetts Society of Professional Engineers (NSPE/MSPE) - Member

National Society of Professional Surveyors (NSPS) - Member and Past New England (Area 1) Director

### **Awards**

MALSCE Surveyor of the Year - 1987

MALSCE Presidential Citations for Surveying Examinations Committee work - 1987, 1992

BSCES Ralph W. Home Award - 1998

NCEES Distinguished Service Award - 2002

## **Richard S. Bryant, P.E., Vice President**

Mr. Bryant is a Vice President with more than 20 years of consulting experience in New England. He is a transportation planner and traffic operations specialist with extensive experience in the planning, design and permitting of land development projects in both the public and private sectors. Mr. Bryant has developed a broad knowledge of applicable state and local regulations needed for project permitting and has established strong working relationships with state highway and environmental permitting agencies. He is also an experienced public speaker who can effectively present transportation plans and projects in public hearings and other forums.

### **Newton Wellesley Hospital, Newton, Massachusetts**

Project Director for a major expansion of this suburban hospital. A new building is under construction to house a larger, more modern emergency department along with a 570 space parking garage to support recent and future growth at the campus. Responsible for addressing on-site and off-site traffic and circulation issues. Critical areas of concern included drop-off operations at the new emergency department entrance and justification for the proposed parking structure.

### **Stata Center, Massachusetts Institute of Technology, Cambridge, Massachusetts**

Transportation Project Manager for this landmark, 400,000 square foot building with 700 below grade parking spaces located on MIT's urban campus. Assisted in the development of the site access and circulation plan considering the interface between the site driveways on Vassar Street with the bicycle path that Tetra Tech Rizzo also designed for MIT and the City. On-site circulation issues included consideration of a shipping and receiving area that supported one third of the MIT campus (not just the Stata Center) and shared access with the 700- space garage. Separate access was provided for an on-site day care center that required queuing areas for pick-ups and drop-offs.

## **PROFILE**

### **EDUCATION:**

M.S., Civil Engineering, University of California, 1980

B.S., Civil Engineering, Massachusetts Institute of Technology, 1979

B.S., Management, Massachusetts Institute of Technology, 1979

### **LEADERSHIP:**

Institute of Transportation Engineers

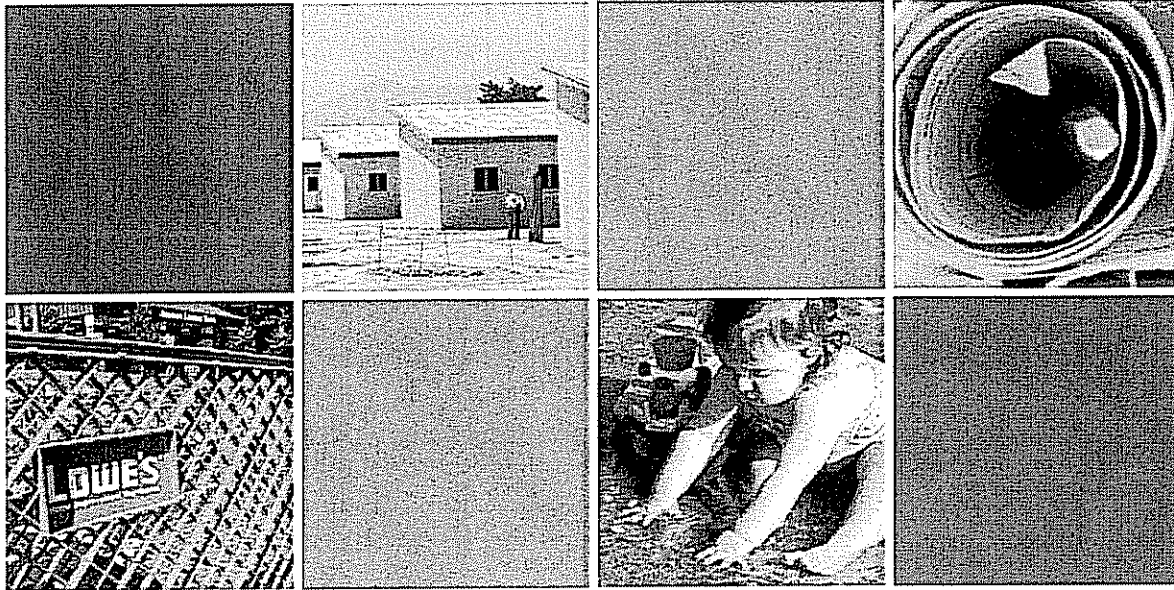
Boston Society of Civil Engineers, Transportation Instructor

### **REGISTRATIONS:**

Licensed Professional Engineer: Massachusetts, Maine



**TETRA TECH RIZZO**



## CIVIL ENGINEERING

Our civil engineering team is driven to make our clients' projects a reality within the schedule and budget that they set. We help them select, design, and develop their retail, residential, and commercial sites and ensure that their projects are built to design specifications. We specialize in resolving the challenges found in today's stormwater, wastewater, and water engineering projects. Our engineering solutions are at work around the region and in developing countries.

## Services

Site Development • Wastewater/Water Supply System Design • Stormwater Permitting/Planning • Construction Services

## Representative Clients

Cabot Cabot & Forbes • W/S Development • Genzyme • Northland Investment Corporation

## Representative Projects

**Lowe's Northeast Expansion** - Lowe's has been helping people improve their homes for more than 60 years. Since 1998, Lowe's has been aggressively expanding throughout the Northeast. Today, Lowe's owns and operates 1,275 stores in 49 states.

**Boston Water and Sewer Commission, South Boston, MA** - A clean harbor, shorefront, and several beaches – this has been the vision for Boston since the early 1990s when the Boston Harbor Cleanup Project began. For over ten years, the Boston Water and Sewer Commission has been improving the City's infrastructure, which dates back to the 1800s.

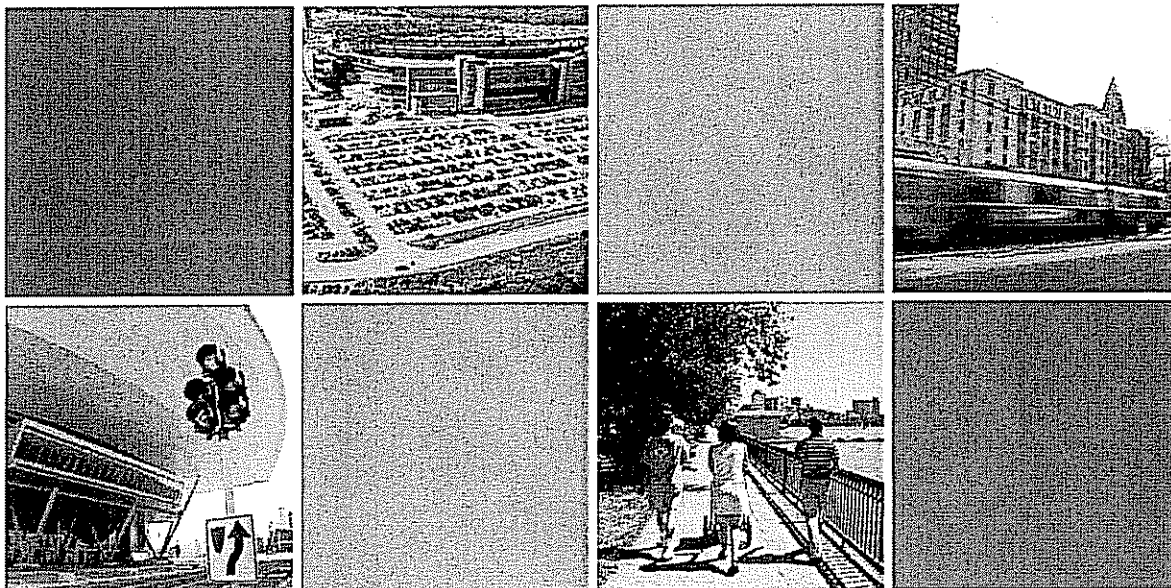
**Afghan National Army Military Facilities Development, Afghanistan** - In an effort to rebuild the infrastructure and advance the peace process in Afghanistan, the development of the first of several post-war military bases began in early 2003. In a matter of six months, living conditions improved from makeshift tents to a self-sustained facility with electric power, running water, and heated barracks and dining hall.

[www.tetra-tech-rizzo.com](http://www.tetra-tech-rizzo.com)



**TETRA TECH RIZZO**





## TRANSPORTATION PLANNING AND DESIGN

Our planners and designers develop solutions that address the transportation access, mobility and safety issues affecting private developers, municipalities and state agencies alike. While building a balanced consensus with community and regulatory groups, we collaborate with our clients to create the most effective alternatives to relieve traffic congestion along major roadways, restore historic parkways, improve roadway design, and develop a synergy among all modes of travel.

## Representative Projects

**Boston Convention & Exhibition Center** - It's Boston's premier event and trade show destination, with nearly 600,000 square feet of exhibition space. With the redesign of roadways, utilities, and a stormwater system, the Boston Convention & Exhibition Center transformed 60 acres of Boston's waterfront.

**Gillette Stadium, Foxborough, MA** - When the New England Patriots wanted to build a new football stadium in Foxborough a few years ago, they knew the job would not be an easy one. In an 18-month period, the project progressed from inception to construction. The team's efforts resulted in a state-of-the-art stadium that is widely considered to be one of the premier stadiums in NFL football.

**Memorial Drive Rehabilitation/Historic Parkways Initiative, Cambridge, MA** - Pedestrians, motorists, and recreational users enjoy a stunning view of Boston as they travel the Memorial Drive parkway along the Charles River. This urban pilot project is a model of stewardship that celebrates the scenic, cultural, recreational, and transportation roles of Massachusetts' diverse parkways.

## Services

Traffic Engineering • Structural Engineering •  
Highway/Roadway Design • Corridor Planning

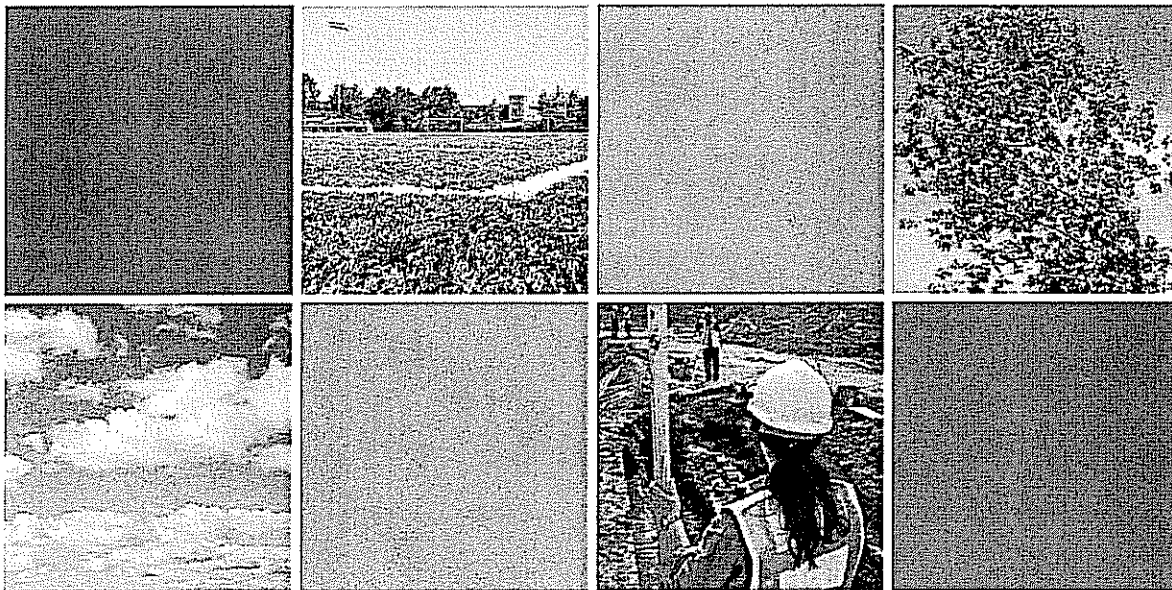
## Representative Clients

Massachusetts Highway Department •  
City of Quincy • Massachusetts Department of  
Conservation and Recreation • KGI



**TETRA TECH RIZZO**

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## ASSESSMENT, REMEDIATION, AND COMPLIANCE

Our team of Licensed Professionals, geologists, environmental engineers, and compliance specialists has extensive regulatory knowledge, strong relationships with regulators and the practical experience needed to address environmental management issues. From investigation and cleanup of contaminated sites for redevelopment to regulatory compliance assistance at an operating facility, we add value by implementing practical solutions to resolve environmental issues swiftly and cost-effectively.

## Representative Projects

**Russell Field Renovation, Cambridge, MA** - Children's laughter, fans cheering, and bats cracking are just some of the many sounds that you'll hear as you enter the newly renovated Russell Field in North Cambridge. This was a first-class Improvement Plan that included an artificial turf football field/soccer field, two practice soccer fields, two baseball fields, and a playground.

**EMC Nationwide - Climate Leaders Program** - To help reduce global climate changes, the U.S. Environmental Protection Agency developed the Climate Leaders Program. This public-private partnership challenges companies to develop long-term strategies to reduce greenhouse gas emissions.

**Danbury Green Shopping Center, Danbury, CT** - The Danbury Green Shopping Center is home to a hotel and top retailers including Trader Joe's grocery store, Staples, Starbucks, and many more. Once a truck stop with extensive soil and groundwater contamination, this property was transformed into a mixed-use retail destination.

## Services

Site Assessment • Remediation Design •  
Regulatory Compliance • Risk Assessment

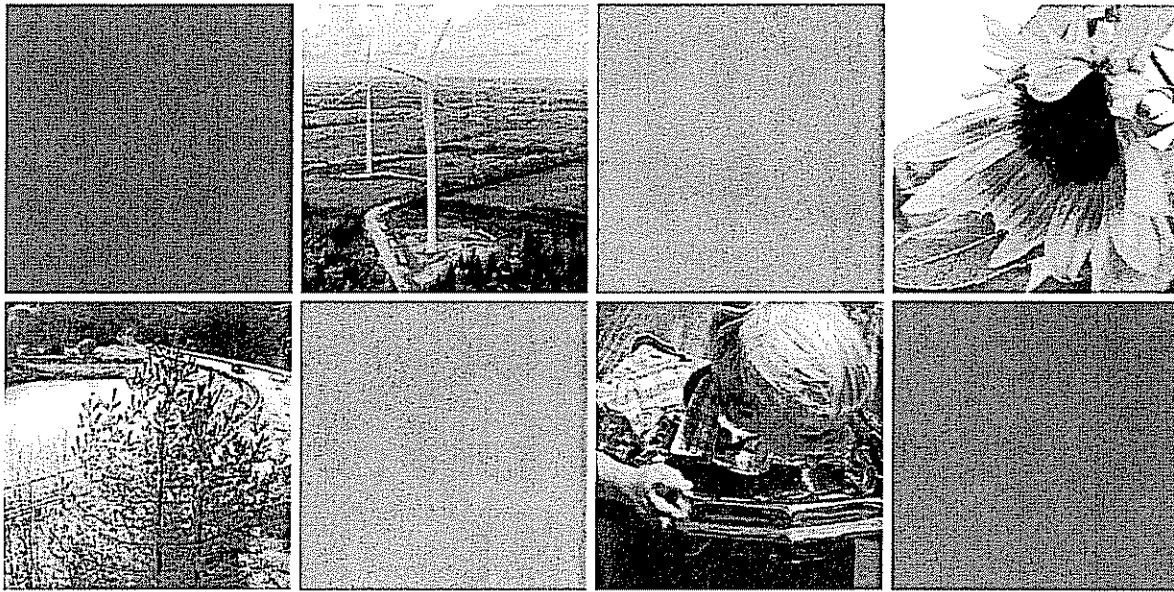
## Representative Clients

Biogen Idec, Inc. • Gibbs Oil • Texas Instruments •  
Massachusetts Port Authority

[www.tetratetchnology.com](http://www.tetratetchnology.com)



**TETRATECH RIZZO**



## NATURAL RESOURCES

Our natural resources team helps our clients understand the impact of their projects on the environment and the impact of the environment on their projects. From wetlands and wildlife to environmental planning and permitting, we work with clients, regulators, and the public to complete projects that are sensitive to the environment and feasible.

## Services

Environmental Planning/Permitting • Wetlands Delineation • Water Quality Modeling/Monitoring • Master Planning • Construction Phase Compliance

## Representative Clients

Aggregate Industries • Town of Yarmouth • Massachusetts Bay Transportation Authority • Massachusetts Turnpike Authority

## Representative Projects

**Blue Hills Covered Storage, Quincy, MA** - Besides its scenic views, varied terrain, and miles of trails, the Blue Hills Reservation is home to the 16-acre Blue Hills Reservoir. The Massachusetts Water Resources Authority is constructing a secure water storage system to provide a safe source of drinking water while preserving wetlands and the aesthetic features of the Reservoir.

**Maple Ridge Wind Farm, Lowville, NY** - To meet the need for renewable energy sources in the Northeast, the new Maple Ridge Wind Farm's 195 turbines generate over 300 megawatts of electricity. Situated on several square miles, it is one of the largest wind farms in the country.

**Redevelopment of the South Weymouth Naval Air Station, MA** - With its 1,400 acres of wetlands, open space, existing infrastructure, and developable land, the former Naval Air Station is equivalent to the size of Boston's downtown and Back Bay neighborhood. Southfield is a mixed-use, smart growth re-use plan with a vision to transform the base into a welcoming place to live, work, and play.



**TETRA TECH RIZZO**

www.tetratech-rizzo.com